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Present Positions :

Lecturer of renewable energy at Graduate Program of Darma Persada University, Jakarta.

Current Research Projects

No.	Project Theme	Funding Collaboration	Project Period
1	Green Education Training Program for High School and Vocational School Teachers in selected schools in Indonesia. (Green Education: Renewable Energy and Environment)	Ministry of Primary and Secondary Education of the Republic of Indonesia Darma Persada University	2025-2027
2	Technical and Economic Feasibility of Hybrid Power Generation Systems for Kundur Island, Riau Islands	Darma Persada University	2024-2025
3	Study on the Potential of Indonesian Sago for Food, Feed, Fiber, and Fuel	Ministry of Higher Education of the Republic of Indonesia	2025-2027

Past Positions:

No.	Program	Institute	Years
1	Senior consultant of renewable energy for power generation and bioenergy product	PT. Andhora Semesta Energi, Jakarta	May – July 2017
2.	Senior consultant of renewable energy for power generation	PT. Sinar Deli, Jakarta.	February 2015- February

3.	Senior consultant of renewable energy for power generation and energy investment for East Kalimantan	PT. Embun Pori Bumi (EMPORIUM) - SJADZ GROUP, Jakarta	January – May 2017
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Educational Background

No.	Program	University	Years
1.	PhD program on Agroclimatology	IPB-GAUG Univ, Germany	30-09-2003
2.	MSc program on Agroclimatology	Bogor Agricultural University	03-01-1997
3.	Ir (Bachelor) on Agrometeorology	Bogor Agricultural University	1986 -1991
4.	Elementary-Senior High School	Samarinda, East Kalimantan	1974 -1986

Training, Workshop, and Seminar-Business Network (Last 5 years):

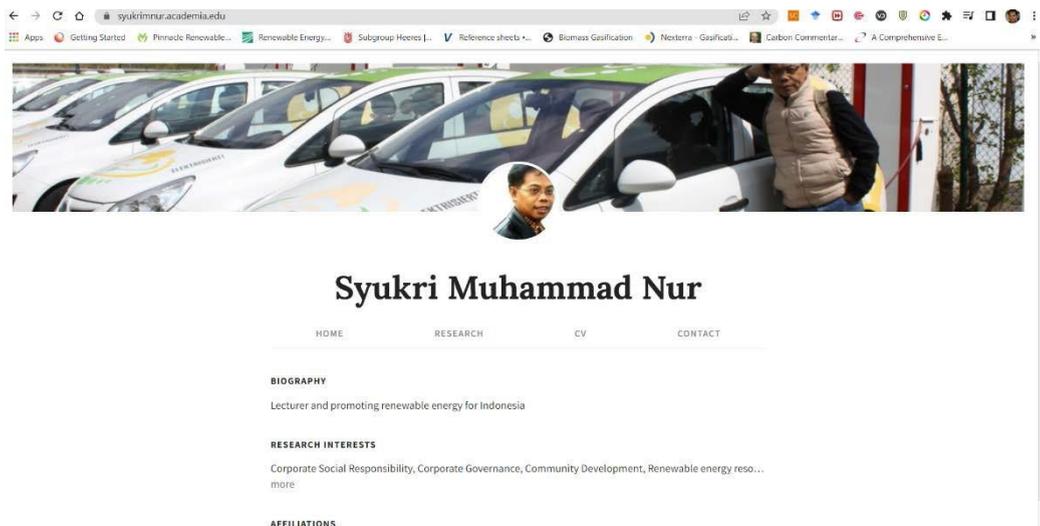
No.	Title	Place and Date
1	Business Network for Renewable Energy in Germany and Swiss	Swiss – Germany, July 2014 and 2016
2	Analysist Biocoal Industry and Power Generation in Poland.	Krakow, Poland, 2011 2012
3	Business Network on Power Generation in China.	Shandong, Beijing 2010-2013

Research Experiences:

Year	Title	Location	Sponsor
2006 - Present	Researcher and Instructor on Power Generation based on Renewable Energy	Jakarta	Private Companies
2003-2006	Research on Energy and Power Generation in Indonesia	Jakarta, China,	Private Company
2000-2003	Stability Tropical Forest Margins (STORMA) Project among George August Goettingen University-Kassel University-IPB-Tadulako University.	German, Bogor, and Palu, Central Sulawesi.	DFG, Germany
April 1999 - April 2000	Biophysical assessment of different land use types as a basis for environmental management	Garut, East Java	Indonesia
June – July 1999	TRESS Project (Remote Sensing Application for Forestry and Environment) as Assistant Researcher	Indonesia	European Union
October 1998 - June 1999	Satellite Assessment Rice in Indonesia	East and West Java	Indonesia

Present Publications:

<https://syukrimnur.academia.edu>



Publications

- Nur, S. M.** (2022): Tapak Baru Era Kejayaan Kaltim Untuk IKN. In <https://www.satumejanews.id/berita/nasional/856/tapak-baru-era-kejayaan-kaltim-untuk-ikn.html>.
- Nur, S. M.**; Yandri, Erkata (2021): Publikasi Ilmiah UNSADA: Fakta dan Harapan. In <https://doi.org/10.5281/zenodo.5232008> (10.5281/zenodo.5232008).
- Nur, S. M.**; Yandri, Erkata (2021): Publikasi Ilmiah: Struktur & Kaidah Penulisan. In <https://doi.org/10.5281/zenodo.5231992>.
- Rudationo, Carolus Boromeus; Novianto, Bangun; Yandri, Erkata; Susanto, Herry; Setyobudi, Roy Hendroko; Uyun, Aep Saepul et al. (2021): Techno-economic Analysis of Rooftop Photovoltaic System (RPVS) using Thin-Frameless Solar Panels for Household Customers in Indonesia: Techno-economic Analysis of Rooftop Photovoltaic System iIndonesia. In *Proceedings of the Pakistan Academy of Sciences: A. Physical and Computational Sciences* 58 (S), pp. 131–139.
- Setyobudi, Roy Hendroko; Yandri, Erkata; Mousa Atoum, Manar Fayiz; **Nur, Syukri Muhammad**; Zekker, Ivar; Idroes, Rinaldi et al. (2021): Healthy-Smart Concept as Standard Design of Kitchen Waste Biogas Digester for Urban Households. In *Jordan Journal of Biological Sciences* 14 (3).
- Wuryantoro, Wuryantoro; Adinurani, Praptiningsih Gamawati; Wardhani, Ratna Mustika; Sutrisno, Sutrisno; Yamin, Bohari Mohammad; **Nur, Syukri Muhammad** (2021): Utilization of “Uwi” Plant (*Dioscorea* sp.) as a Renewable Bioenergy Resource. In *Jordan Journal of Biological Sciences. All rights reserved-Volume* 14 (5), p. 946.
- Aep Saepul, Uyun; Bangun, Novianto; Erkata, Yandri; **Muhammad Syukri, Nur** (2020): RANCANG BANGUN LOW HEAD TURBIN PIKO HIDRO. In *Jurnal Sains & Teknologi Fakultas Teknik* 10 (1), pp. 67–79.
- Nur, S. M.** (2020): Pendidikan Magister Energi Terbarukan untuk Lintasan Karir Anda di Era Milenial. In [10.5281/zenodo.3943029](https://doi.org/10.5281/zenodo.3943029).

- Nur, S. M.** (2020): Rantai Pasokan Bahan Baku untuk Agroindustri Kelapa Terpadu. In *10.5281/zenodo.3906622*.
- Nur, S. M.**; Uyun, A. Saepul; Makbul, Ritnawati (2020): TINJAUAN PUSTAKA SISTEMATIS: Pengantar Metode Penelitian Sekunder untuk Energi Terbarukan – Bioenergi: <http://www.penerbitlakeisha.com/2020/09/24/tinjauan-pustaka-sistematis...>
- Nur, Syukri M.** (2018): Agroindustri untuk Otonomi Daerah: UNSADA Press.
- Nur, Syukri M.** (2018): Metodologi Penelitian untuk Energi Terbarukan: UNSADA Press.
- Adibowo, S.; Uyun, S. A.; **Nur, S. M.**; Abdullah, K.; Yandri, E.; Adiatmojo, G. D.: The analyse of the automotive alternator as a generator in Picohydro system: Laboratory experiment test. In : *Journal of Physics: Conference Series*, Volume 1469, International Conference on Innovation In Research: IOP Publishing Ltd, p. 8.
- Herry, Susanto; Roy Hendroko, Setyobudi; **Muhammad Syukri, Nur**; Erkata, Yandri; Aep Saepul, Uyun; Abubakar, Yaro et al.: Development of Moving Equipment for Fishermen's Catches using the Portable Conveyor System. In : *E3S Web of Conferences: EDP Sciences* (188), pp. 1–10.
- Herry, Susanto; Roy Hendroko, Setyobudi; Yefri, Chan; **Muhammad Syukri, Nur**; Erkata, Yandri; Juris, Burlakovs et al.: Development of the solar-energized foodstuff drying system for urban communities. In : *International Conference on Empathic Architecture (ICEA-2019)*: IOP Publishing, pp. 1–10.
- Heryadi, Rudy; **Nur, S. M.**: Techno Economic Analysis of Biomass to Methanol Plant Based on Gasification of Palm Empty Fruit Bunch. In : *E3S Web of Conferences: EDP Sciences* (188), p. 11.
- Heryadi, Rudy; Uyun, A. Saepul; Yandri, Erkata; **Nur, Syukri Muhammad**; Abdullah, Kamaruddin; Anne, Olga: Biomass to methanol plant based on gasification of palm empty fruit bunch. In : *IOP Conference Series: Earth and Environmental Science* (293), p. 10.
- Heryadi, Rudy; Uyun, Aep S.; Yandri, Erkata; **Nur, S. M.**; Kamaruddin, Abdullah: Single stage dimethyl ether plant model based on gasification of palm empty fruit bunch. In : *IOP Conference Series: Materials Science and Engineering* (532), p. 10.
- Heryadi, Rudy; Uyun, Aep Saepul; Yandri, Erkata; **Nur, Syukri M.**; Kamaruddin, Abdullah: Palm empty fruit bunch gasification simulation in circulating fluidized bed gasifier. In : *The 3rd International Tropical Renewable Energy Conference “Sustainable Development of Tropical Renewable Energy” (i-TREC 2018)* (63), p. 10.
- Leela, D.; **Nur, S. M.**: Processing technology POME-pond in Indonesia: A mini review. In : *IOP Conference Series: Materials Science and Engineering* (532), pp. 1–8.
- Novianto, Bangun; Abdullah, Kamaruddin; Uyun, Aep Saepul; Yandri, Erkata; **Nur, Syukri Muhammad**; Susanto, Herry et al.: Smart micro-grid performance using renewable energy. In : *E3S Web of Conferences: EDP Sciences* (188), p. 5.
- Nur, S. M.**; Ariati, R.; Yandri, E.; Adiatmojo, G. D.; Abdullah, K.: Redesigning a sustainable bioenergy system using a multiplatform application. In : *Journal of Physics: Conference*

Series, Volume 1469, International Conference on Innovation In Research: IOP Publishing Ltd, p. 10.

- Siregar, Kiman; Machsun, Achmadin Luthfi; Sholihati, Sholihati; Alamsyah, Rizal; Ichwana, Ichwana; Siregar, Nobel Christian et al.: Life Cycle Impact Assessment on Electricity Production from Biomass Power Plant System Through Life Cycle Assessment (LCA) Method using Biomass from Palm Oil Mill in Indonesia. In : E3S Web of Conferences: EDP Sciences (188), p. 18.
- Susanto, H.; Setyobudi, R. H.; Chan, Y.; **Nur, S. M.**; Yandri, E.; Burlakovs, J. et al.: Development of the solar-energized foodstuff drying system for urban communities. In : IOP Conference Series: Earth and Environmental Science (293), p. 12009.
- Susanto, Herry; Setyobudi, Roy Hendroko; **Nur, Syukri Muhammad**; Yandri, Erkata; Uyun, Aep Saepul; Yaro, Abubakar et al.: Development of Moving Equipment for Fishermen's Catches using the Portable Conveyor System. In : E3S Web of Conferences: EDP Sciences (188), p. 14.
- Susanto, Herry; Setyobudi, Roy Hendroko; Sugiyanto, Didik; **Nur, Syukri Muhammad**; Yandri, Erkata; Herianto, Herianto et al.: Development of the biogas-energized livestock feed making machine for breeders. In : E3S Web of Conferences: EDP Sciences (188), p. 10.